OCT 0 7 2004

PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of Information unless it contains a valid OMB control number

Complete If Known

Application Number 10/645,350

Filling Date August 21, 2003

First Named Inventor Teng Ma

Group Art Unit 1636

Examiner Name James S. Ketter

Sheet		1	of	1	Attorney Docket Number	31864.UT			
			OTHER PRIO	R ART - NON PAT	ENT LITERATURE DOCUME	NTS			
Examiner Initials	Cite No.								
	AA PAZZANO ET AL.; "Comparison of Chondrogenis in Static and Perfused Bioreactor Culture;" Biotechnol. Prog Vol. 16; No. 5; pages 893-896; 2000								
	АВ	INGRAM ET AL.; "Three-Dimensional Growth Patterns of Various Human Tumor Cell Lines In Simulated Microgravity of A NASA Bioreactor;" In Vitro Cell. Dev. Biol Annual; pages 459-466; June 1997							
	AC BANNU ET AL.; "Cytokine-Augumented Culture of Haematopoietic Progenitor Cells in a Novel Dimensional Cell Growth Matrix;" Cytokine; Vol 13, No. 6; March 21, 2000; pages 349-358								
	AD	BAGLEY ET AL.; "Extended culture of miltipotent hematopoietic progenitors without cytokine augmentation in a novel three-dimensional device;" Experimental Hematoloty 27 (1999); pages 496-504							
	AE	OBRADOVIC ET AL.; "Gas Exchange is Essential for Bioreactor Cultivation of Tissue Engineered Cartilage;" Biotechnology and Bioengineering; Volume 63, No. 2, April 20, 1999; pages 197-205							
AF HOERSTRUP, MD ET AL.; "New Pulsatile Bioreactor for In Vitro Formation of Tissue Engi Valves;" Tissue Engineering; Volume 6, No. 1, 2000; pages 75-78									
	AG	HALBERSTADT ET AL; "The In Vitro Growth of a Three-Dimensional Human Dermal Replacement Using a Single-Pass Perfusion System;" Biotechnology and Bioengineering; Volume 43, No. 4, 1994; pages 740-746							
	АН	VUNJAK-NOKAKOVIC ET AL.; "Dynamic Cell Seeding of Polymer Scaffolds for Cartilage Tissue Engineering;" Biotechnol. Prog. 1998, Volume 14, No. 2; pages 193-202							
	Al	KIM, MD ET AL.; "Dynamic Seeding and in Vitro Culture of Hepatocytes in a Flow Perfusion System;" Tissue Engineering; Vol 6, No. 1, 2000; pages 39-44							
	AJ	MA ET AL.; "Development of an in Vitro Human Placenta Model by the Cuotivation of Human Trophoblasts in a Fiber-Based Bioreactor System;" Tissue Engineering; Vol. 5, No. 2; (1999); pages 91-101							
	AK	FREED ET AL.; "Cuotivation of Cell-Polymer Cartilage Implants in Bioreactors;" Journal of Cellular Biochemistry Volume 51; 1993; pages 257-264							
	AL	SITTINGER; "Artificial tissues in perfusion culture;" The International Journal of Artificial Organs; Volume 20, No. 1; 1997; pages 57-62							
	AM	NIKLASON; "Functional Arteries Grown in Vitro;" Science; Vol. 284; April 16, 1999; pages 489-493							
	AN	NIELSEN; "Bioreactors For Hematopoietic Cell Culture;" Annu. Rev. Biomed. Eng.; 1999; pages 129-152							
	AO	LI ET AL.; "Human Cord Cell Hematopoiesis in Three Dimensional Nonwoven Firbous Matrices: In Vitro Simulation of the Marrow Microenvironment", Jounnal of Hematotherapy & Stem Cell Research; Vol. 10; 2001; pages 355-368							
	AP	COLLINS ET Controlled, S	COLLINS ET AL.; "Characterization of Hematopoietic Cell Expansion, Oxygen Uptake, and Glycolysis in a Controlled, Stirred-Tank Bioreactor System;" Biotechnol. Prog. 1998 Volume 14; pages 466-472						
	AQ	MA ET AL.; "Oxygen Tension Influences Proliferation and Differentialtion in a Tissue-Engineered Model of Placental Trophoblast-Like Cells; Tissue Engineering, Volume 7, No. 5, 2001; pages 495-506							

Examiner Signature	Date Considered	·

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.